




System Operating Procedures

SOP-RTMKTS.0080.0020

Establish Regulation Resources

Effective Date: October 1, 2006
Revision No. 1

	© ISO New England Inc. 2007	Procedure: Establish Regulation Resources
	Process Name: Manage Regulation	
	Procedure Number: RTMKTS.0080.0020	Revision Number: 1
	Procedure Owner: Mike Potishnak	Effective Date: October 1, 2006
	Approved By: V.P. Operations	Review Due Date: April 1, 2008

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1. Objective

The intent of this procedure is to define the process for establishing generators to provide Regulation.

2. Background


The ISO is required to maintain a portion of the Synchronized Capability on Regulation in accordance with ISO New England Manual for Market Operations, M-11 (Manual 11). Some generators within the ISO New England market are able to provide regulation. These generators must meet certain requirements and testing to be able to participate in the Regulation market.

3. Responsibilities

The Operations Principal Engineer is responsible for the coordination between the ISO and the participants in establishing generators as regulation providers.

4. Controls

None


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5. Instructions

1. The Operations Principal Engineer shall consult with the generators preparing to enter the Regulation market.

Ensure that the generator has completed the following

- Generator has met the requirements of ISO New England Manual 11 – Market Operations (M-11)
 - Generator has met the requirements of
 - ISO New England Operating Procedure 18 - Metering and Telemetry (OP-18)
 - ISO New England Operating Procedure 14 - Technical Requirements for Generators, Demand Resources and Asset Related Demands (OP-14).
 - Generator has arranged with Master Local Control Center (M/LCC), SCADA Centers or ICCP provider to receive setpoint signals from SCADA.
 - Generator has passed a minimum response test which verifies that the generator responds properly to a small change in simulated AGC setpoint values manually inserted by the M/LCC or SCADA Centers.
2. Ensure generator sends in NX-12 data
 3. Ensure the Regulation e-Market bidding interface is setup for generator.
 4. Coordinate with Operations Analysis Group (OAG) to test generators regulation response in accordance with RTMKTS.0180.0030 – Audit Resource Parameters and RTMKTS.0180.0057 – Perform Claim 10/30 and MRR Demonstrations.

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6. Performance Measures

None

7. References

ISO New England Manual for Market Operations M-11 (Manual 11)

ISO New England Operating Procedure No. 8 – Operating Reserve and Automatic Generation Control (OP-8)

ISO New England Operating Procedure No 14 – Technical Requirements for Generators, Demand Resources and Asset Related Demands (OP-14)

ISO New England Operating Procedure No 18 - Metering and Telemetering (OP-18)

RTMKTS.0180.0030 – Audit Resource Parameters


SOP-RTMKTS.0180.0057 – Perform Claim 10/30 and MRR Demonstrations

NERC Standards

NPCC document A-8, NPCC Reliability Compliance and Enforcement Program (NPCC A-8)

8. Revision History

Rev. No.	Date	Reason	Contact
0	09/30/05	Original	Mike Potishnak
1	10/01/06	Changes for ASM Phase II	Mike Potishniak

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9. Attachments

None